

# Luc Van Kaer

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

266  
papers

24,400  
citations

77  
h-index

151  
g-index

281  
ext. papers

26,811  
ext. citations

10.7  
avg, IF

6.57  
L-index

#	Paper	IF	Citations
266	Natural Killer T Lymphocytes Integrate Innate Sensory Information and Relay Context to Effector Immune Responses.. <i>Critical Reviews in Immunology</i> , <b>2021</b> , 41, 55-88	1.8	0
265	Pik3c3 deficiency in myeloid cells imparts partial resistance to experimental autoimmune encephalomyelitis associated with reduced IL-1 $\beta$ production. <i>Cellular and Molecular Immunology</i> , <b>2021</b> , 18, 2024-2039	15.4	5
264	Chromatin Regulator SRG3 Overexpression Protects against LPS/D-GalN-Induced Sepsis by Increasing IL10-Producing Macrophages and Decreasing IFN $\gamma$ -Producing NK Cells in the Liver. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
263	Dendritic cell PIK3C3/VPS34 controls the pathogenicity of CNS autoimmunity independently of LC3-associated phagocytosis. <i>Autophagy</i> , <b>2021</b> , 1-10	10.2	3
262	Autophagy-related protein PIK3C3/VPS34 controls T cell metabolism and function. <i>Autophagy</i> , <b>2021</b> , 17, 1193-1204	10.2	17
261	Selective Expansion of Double-Negative iNKT Cells Inhibits the Development of Atopic Dermatitis in V $\beta$ 4 TCR Transgenic NC/Nga Mice by Increasing Memory-Type CD8 T and Regulatory CD4 T Cells. <i>Journal of Investigative Dermatology</i> , <b>2021</b> , 141, 1512-1521	4.3	3
260	Neuroblast senescence in the aged brain augments natural killer cell cytotoxicity leading to impaired neurogenesis and cognition. <i>Nature Neuroscience</i> , <b>2021</b> , 24, 61-73	25.5	32
259	Cellular self-cannibalism helps immune cells fight the flu. <i>FEBS Journal</i> , <b>2021</b> , 288, 3154-3158	5.7	
258	Ubiquitous Overexpression of Chromatin Remodeling Factor SRG3 Exacerbates Atopic Dermatitis in NC/Nga Mice by Enhancing Th2 Immune Responses. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
257	Therapeutic Targeting of Immune Cell Autophagy in Multiple Sclerosis: Russian Roulette or Silver Bullet?. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 724108	8.4	0
256	CD1d-Dependent iNKT Cells Control DSS-Induced Colitis in a Mouse Model of IFN $\gamma$ -Mediated Hyperinflammation by Increasing IL22-Secreting ILC3 Cells. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
255	PIK3C3/VPS34 links T-cell autophagy to autoimmunity. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 334	9.8	3
254	Clofazimine enhances the efficacy of BCG revaccination via stem cell-like memory T cells. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008356	7.6	9
253	Nur77 controls tolerance induction, terminal differentiation, and effector functions in semi-invariant natural killer T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 17156-17165	11.5	3
252	Mycobacterium tuberculosis programs mesenchymal stem cells to establish dormancy and persistence. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 655-661	15.9	20
251	Survivre et vivre: When iNKT cells met a Hippo. <i>Journal of Experimental Medicine</i> , <b>2020</b> , 217,	16.6	1
250	Luteolin-mediated Kv1.3 K <sup>+</sup> channel inhibition augments BCG vaccine efficacy against tuberculosis by promoting central memory T cell responses in mice. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008887	7.6	4

249	Curcumin Nanoparticles Enhance Mycobacterium bovis BCG Vaccine Efficacy by Modulating Host Immune Responses. <i>Infection and Immunity</i> , <b>2019</b> , 87,	3.7	15
248	Innate, innate-like and adaptive lymphocytes in the pathogenesis of MS and EAE. <i>Cellular and Molecular Immunology</i> , <b>2019</b> , 16, 531-539	15.4	47
247	iNKT Cell Activation Exacerbates the Development of Huntington's Disease in R6/2 Transgenic Mice. <i>Mediators of Inflammation</i> , <b>2019</b> , 2019, 3540974	4.3	5
246	Fluctuations of Spleen Cytokine and Blood Lactate, Importance of Cellular Immunity in Host Defense Against Blood Stage Malaria. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2207	8.4	3
245	IL-10-producing B cells are enriched in murine pericardial adipose tissues and ameliorate the outcome of acute myocardial infarction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 21673-21684	11.5	32
244	What one lipid giveth, another taketh away. <i>Nature Immunology</i> , <b>2019</b> , 20, 1559-1561	19.1	0
243	Allicin enhances antimicrobial activity of macrophages during Mycobacterium tuberculosis infection. <i>Journal of Ethnopharmacology</i> , <b>2019</b> , 243, 111634	5	26
242	Role of autophagy in MHC class I-restricted antigen presentation. <i>Molecular Immunology</i> , <b>2019</b> , 113, 2-5	4.3	22
241	Development, Homeostasis, and Functions of Intestinal Intraepithelial Lymphocytes. <i>Journal of Immunology</i> , <b>2018</b> , 200, 2235-2244	5.3	35
240	Therapeutic Potential of Invariant Natural Killer T Cells in Autoimmunity. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 519	8.4	26
239	Graphene oxide polarizes iNKT cells for production of TGF- $\beta$ and attenuates inflammation in an iNKT cell-mediated sepsis model. <i>Scientific Reports</i> , <b>2018</b> , 8, 10081	4.9	16
238	Intestinal Intraepithelial Lymphocytes: Sentinels of the Mucosal Barrier. <i>Trends in Immunology</i> , <b>2018</b> , 39, 264-275	14.4	92
237	IL-33 promotes the egress of group 2 innate lymphoid cells from the bone marrow. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 263-281	16.6	104
236	PD-1 up-regulation on CD4 T cells promotes pulmonary fibrosis through STAT3-mediated IL-17A and TGF- $\beta$ production. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	109
235	The Role of Autophagy in iNKT Cell Development. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2653	8.4	13
234	iNKT Cells Suppress Pathogenic NK1.1CD8 T Cells in DSS-Induced Colitis. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2168	8.4	8
233	How Superantigens Bind MHC. <i>Journal of Immunology</i> , <b>2018</b> , 201, 1817-1818	5.3	2
232	Innate CD8 $\alpha$ lymphocytes enhance anti-CD40 antibody-mediated colitis in mice. <i>Immunity, Inflammation and Disease</i> , <b>2017</b> , 5, 109-123	2.4	9

231	Reply to Levis and Rendini. <i>Journal of Infectious Diseases</i> , <b>2017</b> , 215, 1488-1489	7	2
230	A Novel Mouse Model of iNKT Cell-deficiency Generated by CRISPR/Cas9 Reveals a Pathogenic Role of iNKT Cells in Metabolic Disease. <i>Scientific Reports</i> , <b>2017</b> , 7, 12765	4.9	8
229	Autophagy-related protein Vps34 controls the homeostasis and function of antigen cross-presenting CD8 <sup>+</sup> dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E6371-E6380	11.5	36
228	NF- $\kappa$ B Protects NKT Cells from Tumor Necrosis Factor Receptor 1-induced Death. <i>Scientific Reports</i> , <b>2017</b> , 7, 15594	4.9	5
227	The Phytochemical Bergenin Enhances T Helper 1 Responses and Anti-Mycobacterial Immunity by Activating the MAP Kinase Pathway in Macrophages. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 149	5.9	18
226	Nanoparticle-Formulated Curcumin Prevents Posttherapeutic Disease Reactivation and Reinfection with following Isoniazid Therapy. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 739	8.4	30
225	Natural Killer T Cells: An Ecological Evolutionary Developmental Biology Perspective. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1858	8.4	35
224	Blockade of the Kv1.3 K <sup>+</sup> Channel Enhances BCG Vaccine Efficacy by Expanding Central Memory T Lymphocytes. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 214, 1456-1464	7	23
223	Mechanisms and Consequences of Antigen Presentation by CD1. <i>Trends in Immunology</i> , <b>2016</b> , 37, 738-754	14.4	18
222	Peripheral tolerance can be modified by altering KLF2-regulated Treg migration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E4662-70	11.5	21
221	Enterogenous bacterial glycolipids are required for the generation of natural killer T cells mediated liver injury. <i>Scientific Reports</i> , <b>2016</b> , 6, 36365	4.9	24
220	Adipocyte-specific CD1d-deficiency mitigates diet-induced obesity and insulin resistance in mice. <i>Scientific Reports</i> , <b>2016</b> , 6, 28473	4.9	33
219	Invariant natural killer T cells play dual roles in the development of experimental autoimmune uveoretinitis. <i>Experimental Eye Research</i> , <b>2016</b> , 153, 79-89	3.7	10
218	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
217	Neural stem cells sustain natural killer cells that dictate recovery from brain inflammation. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 243-52	25.5	72
216	Mycobacterium tuberculosis TlyA Protein Negatively Regulates T Helper (Th) 1 and Th17 Differentiation and Promotes Tuberculosis Pathogenesis. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 14407-17	5.4	21
215	Strategies to improve BCG vaccine efficacy. <i>Immunotherapy</i> , <b>2015</b> , 7, 945-8	3.8	8
214	Endothelial JAM-A promotes reovirus viremia and bloodstream dissemination. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 211, 383-93	7	23

213	Natural killer T cells in multiple sclerosis and its animal model, experimental autoimmune encephalomyelitis. <i>Immunology</i> , <b>2015</b> , 146, 1-10	7.8	20
212	Innate and virtual memory T cells in man. <i>European Journal of Immunology</i> , <b>2015</b> , 45, 1916-20	6.1	22
211	The Response of CD1d-Restricted Invariant NKT Cells to Microbial Pathogens and Their Products. <i>Frontiers in Immunology</i> , <b>2015</b> , 6, 226	8.4	47
210	Bee venom stirs up buzz in antigen presentation. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 126	16.6	3
209	Activation of the epidermal growth factor receptor in macrophages regulates cytokine production and experimental colitis. <i>Journal of Immunology</i> , <b>2014</b> , 192, 1013-23	5.3	55
208	Spleen supports a pool of innate-like B cells in white adipose tissue that protects against obesity-associated insulin resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, E4638-47	11.5	42
207	Isoniazid induces apoptosis of activated CD4+ T cells: implications for post-therapy tuberculosis reactivation and reinfection. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 30190-30195	5.4	33
206	CD8 $\alpha$ innate-type lymphocytes in the intestinal epithelium mediate mucosal immunity. <i>Immunity</i> , <b>2014</b> , 41, 451-464	32.3	35
205	Targeted colonic claudin-2 expression renders resistance to epithelial injury, induces immune suppression, and protects from colitis. <i>Mucosal Immunology</i> , <b>2014</b> , 7, 1340-53	9.2	75
204	A dihydro-pyrido-indole potently inhibits HSV-1 infection by interfering the viral immediate early transcriptional events. <i>Antiviral Research</i> , <b>2014</b> , 105, 126-34	10.8	36
203	Small molecule-directed immunotherapy against recurrent infection by Mycobacterium tuberculosis. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 16508-15	5.4	33
202	Simultaneous inhibition of T helper 2 and T regulatory cell differentiation by small molecules enhances Bacillus Calmette-Guerin vaccine efficacy against tuberculosis. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 33404-11	5.4	36
201	Mycobacterium tuberculosis subverts the TLR-2-MyD88 pathway to facilitate its translocation into the cytosol. <i>PLoS ONE</i> , <b>2014</b> , 9, e86886	3.7	38
200	Invariant natural killer T cells as sensors and managers of inflammation. <i>Trends in Immunology</i> , <b>2013</b> , 34, 50-8	14.4	76
199	STAT6 deficiency ameliorates severity of oxazolone colitis by decreasing expression of claudin-2 and Th2-inducing cytokines. <i>Journal of Immunology</i> , <b>2013</b> , 190, 1849-58	5.3	59
198	Natural killer T cells are required for lipopolysaccharide-mediated enhancement of atherosclerosis in apolipoprotein E-deficient mice. <i>Immunobiology</i> , <b>2013</b> , 218, 561-9	3.4	15
197	Mycobacterium tuberculosis controls microRNA-99b (miR-99b) expression in infected murine dendritic cells to modulate host immunity. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 5056-61	5.4	115
196	Sculpting MHC class II-restricted self and non-self peptidome by the class I Ag-processing machinery and its impact on Th-cell responses. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 1162-72	6.1	8

195	Contribution of lipid-reactive natural killer T cells to obesity-associated inflammation and insulin resistance. <i>Adipocyte</i> , <b>2013</b> , 2, 12-16	3.2	23
194	Activated invariant NKT cells control central nervous system autoimmunity in a mechanism that involves myeloid-derived suppressor cells. <i>Journal of Immunology</i> , <b>2013</b> , 190, 1948-60	5.3	50
193	Impaired autophagy, defective T cell homeostasis, and a wasting syndrome in mice with a T cell-specific deletion of Vps34. <i>Journal of Immunology</i> , <b>2013</b> , 190, 5086-101	5.3	108
192	ERAAP and tapasin independently edit the amino and carboxyl termini of MHC class I peptides. <i>Journal of Immunology</i> , <b>2013</b> , 191, 1547-55	5.3	25
191	In vitro induction of regulatory CD4+CD8 $\beta$ T cells by TGF- $\beta$ 1 and IFN- $\gamma$ . <i>PLoS ONE</i> , <b>2013</b> , 8, e67821	3.7	13
190	An important role of prostanoid receptor EP2 in host resistance to <i>Mycobacterium tuberculosis</i> infection in mice. <i>Journal of Infectious Diseases</i> , <b>2012</b> , 206, 1816-25	7	23
189	NK cells inhibit T-bet-deficient, autoreactive Th17 cells. <i>Scandinavian Journal of Immunology</i> , <b>2012</b> , 76, 559-66	3.4	5
188	CD4+ T cell-derived novel peptide Thp5 induces interleukin-4 production in CD4+ T cells to direct T helper 2 cell differentiation. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 2830-5	5.4	8
187	Activation of invariant natural killer T cells by lipid excess promotes tissue inflammation, insulin resistance, and hepatic steatosis in obese mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, E1143-52	11.5	137
186	<i>Mycobacterium tuberculosis</i> directs T helper 2 cell differentiation by inducing interleukin-1 $\beta$ production in dendritic cells. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 33656-63	5.4	35
185	Transforming growth factor- $\beta$ protein inversely regulates in vivo differentiation of interleukin-17 (IL-17)-producing CD4+ and CD8+ T cells. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 2943-7	5.4	11
184	Prostanoid receptor 2 signaling protects T helper 2 cells from BALB/c mice against activation-induced cell death. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 25434-9	5.4	4
183	KSR1 protects from interleukin-10 deficiency-induced colitis in mice by suppressing T-lymphocyte interferon- $\gamma$ production. <i>Gastroenterology</i> , <b>2011</b> , 140, 265-74	13.3	21
182	NKT cell costimulation: experimental progress and therapeutic promise. <i>Trends in Molecular Medicine</i> , <b>2011</b> , 17, 65-77	11.5	43
181	Glatiramer acetate for treatment of MS: regulatory B cells join the cast of players. <i>Experimental Neurology</i> , <b>2011</b> , 227, 19-23	5.7	14
180	Natural killer T cells in health and disease. <i>Frontiers in Bioscience - Scholar</i> , <b>2011</b> , 3, 236-51	2.4	48
179	Engagement of glycosylphosphatidylinositol-anchored proteins results in enhanced mouse and human invariant natural killer T cell responses. <i>Immunology</i> , <b>2011</b> , 132, 361-75	7.8	10
178	Organ-specific features of natural killer cells. <i>Nature Reviews Immunology</i> , <b>2011</b> , 11, 658-71	36.5	277

177	IL-15 regulates homeostasis and terminal maturation of NKT cells. <i>Journal of Immunology</i> , <b>2011</b> , 187, 6335-45	5.3	111
176	Invariant natural killer T cells: bridging innate and adaptive immunity. <i>Cell and Tissue Research</i> , <b>2011</b> , 343, 43-55	4.2	114
175	Interleukin-2/interleukin-2 antibody therapy induces target organ natural killer cells that inhibit central nervous system inflammation. <i>Annals of Neurology</i> , <b>2011</b> , 69, 721-34	9.4	51
174	Invariant NK T cells: potential for immunotherapeutic targeting with glycolipid antigens. <i>Immunotherapy</i> , <b>2011</b> , 3, 59-75	3.8	37
173	Proteasomes, TAP, and endoplasmic reticulum-associated aminopeptidase associated with antigen processing control CD4+ Th cell responses by regulating indirect presentation of MHC class II-restricted cytoplasmic antigens. <i>Journal of Immunology</i> , <b>2011</b> , 186, 6683-92	5.3	9
172	Intestinal epithelial cells modulate CD4 T cell responses via the thymus leukemia antigen. <i>Journal of Immunology</i> , <b>2011</b> , 187, 4051-60	5.3	12
171	Deletion of the G6pc2 gene encoding the islet-specific glucose-6-phosphatase catalytic subunit-related protein does not affect the progression or incidence of type 1 diabetes in NOD/ShiLtJ mice. <i>Diabetes</i> , <b>2011</b> , 60, 2922-7	0.9	10
170	Mucosal memory CD8+ T cells are selected in the periphery by an MHC class I molecule. <i>Nature Immunology</i> , <b>2011</b> , 12, 1086-95	19.1	38
169	Early secreted antigen ESAT-6 of Mycobacterium tuberculosis promotes protective T helper 17 cell responses in a toll-like receptor-2-dependent manner. <i>PLoS Pathogens</i> , <b>2011</b> , 7, e1002378	7.6	117
168	T cells from Programmed Death-1 deficient mice respond poorly to Mycobacterium tuberculosis infection. <i>PLoS ONE</i> , <b>2011</b> , 6, e19864	3.7	57
167	Central nervous system (CNS)-resident natural killer cells suppress Th17 responses and CNS autoimmune pathology. <i>Journal of Experimental Medicine</i> , <b>2010</b> , 207, 1907-21	16.6	164
166	Development of spontaneous anergy in invariant natural killer T cells in a mouse model of dyslipidemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2010</b> , 30, 1758-65	9.4	13
165	Mycobacterium tuberculosis evades host immunity by recruiting mesenchymal stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 21653-8	11.5	80
164	Evidence for a role of immunoproteasomes in regulating cardiac muscle mass in diabetic mice. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2010</b> , 49, 5-15	5.8	38
163	Invariant Natural Killer T Cell-Based Therapy of Autoimmune Diseases. <i>Current Immunology Reviews</i> , <b>2010</b> , 6, 88-101	1.3	2
162	TL and CD8 $\beta$ Enigmatic partners in mucosal immunity. <i>Immunology Letters</i> , <b>2010</b> , 134, 1-6	4.1	14
161	Expansion of regulatory T cells via IL-2/anti-IL-2 mAb complexes suppresses experimental myasthenia. <i>European Journal of Immunology</i> , <b>2010</b> , 40, 1577-89	6.1	72
160	Follicular B cell trafficking within the spleen actively restricts humoral immune responses. <i>Immunity</i> , <b>2010</b> , 33, 254-65	32.3	43

159	The hunt for iNKT cell antigens: alpha-galactosidase-deficient mice to the rescue?. <i>Immunity</i> , <b>2010</b> , 33, 143-5	32.3	4
158	Comeback kids: CD8(+) suppressor T cells are back in the game. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 3432-4	15.9	9
157	Reducing the activity and secretion of microbial antioxidants enhances the immunogenicity of BCG. <i>PLoS ONE</i> , <b>2009</b> , 4, e5531	3.7	38
156	Transforming growth factor beta is dispensable for the molecular orchestration of Th17 cell differentiation. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 2407-16	16.6	176
155	PD-1/PD-L blockade prevents anergy induction and enhances the anti-tumor activities of glycolipid-activated invariant NKT cells. <i>Journal of Immunology</i> , <b>2009</b> , 182, 2816-26	5.3	148
154	STAT1 negatively regulates lung basophil IL-4 expression induced by respiratory syncytial virus infection. <i>Journal of Immunology</i> , <b>2009</b> , 183, 2016-26	5.3	30
153	Natural killer T cells and autoimmune disease. <i>Current Molecular Medicine</i> , <b>2009</b> , 9, 4-14	2.5	136
152	Generation of antibody responses to pneumococcal capsular polysaccharides is independent of CD1 expression in mice. <i>Infection and Immunity</i> , <b>2009</b> , 77, 1976-80	3.7	5
151	Invariant natural killer T cells: innate-like T cells with potent immunomodulatory activities. <i>Tissue Antigens</i> , <b>2009</b> , 73, 535-45		57
150	Effect of high fat diet on NKT cell function and NKT cell-mediated regulation of Th1 responses. <i>Scandinavian Journal of Immunology</i> , <b>2008</b> , 67, 230-7	3.4	34
149	Invariant natural killer T cells trigger adaptive lymphocytes to churn up bile. <i>Cell Host and Microbe</i> , <b>2008</b> , 3, 275-7	23.4	8
148	Glycolipid ligands of invariant natural killer T cells as vaccine adjuvants. <i>Expert Review of Vaccines</i> , <b>2008</b> , 7, 1519-32	5.2	29
147	Thymus leukemia antigen controls intraepithelial lymphocyte function and inflammatory bowel disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 17931-6	11.5	35
146	Cutting edge: Guillain-Barre syndrome-associated IgG responses to gangliosides are generated independently of CD1 function in mice. <i>Journal of Immunology</i> , <b>2008</b> , 180, 39-43	5.3	12
145	Pillars article: antigen presentation: discovery of the peptide TAP. <i>Journal of Immunology</i> , <b>2008</b> , 180, 2723-4	5.3	5
144	Flexibility accompanies commitment of memory CD4 lymphocytes derived from IL-4 locus-activated precursors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 9307-12	11.5	9
143	Ischemic preconditioning-induced cardioprotection is lost in mice with immunoproteasome subunit low molecular mass polypeptide-2 deficiency. <i>FASEB Journal</i> , <b>2008</b> , 22, 4248-57	0.9	48
142	Cutting edge: K63-linked polyubiquitination of NEMO modulates TLR signaling and inflammation in vivo. <i>Journal of Immunology</i> , <b>2008</b> , 180, 7107-11	5.3	40



141	Osteopontin regulates development and function of invariant natural killer T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 15884-9	11.5	36
140	Human invariant Valpha24+ natural killer T cells acquire regulatory functions by interacting with IL-10-treated dendritic cells. <i>Blood</i> , <b>2008</b> , 111, 4254-63	2.2	11
139	Impact of bacteria on the phenotype, functions, and therapeutic activities of invariant NKT cells in mice. <i>Journal of Clinical Investigation</i> , <b>2008</b> , 118, 2301-15	15.9	55
138	Role of the programmed death-1 (PD-1) pathway in glycolipid-induced iNKT cell energy. <i>FASEB Journal</i> , <b>2008</b> , 22, 397-397	0.9	
137	Examining the role of CD1d and natural killer T cells in the development of nephritis in a genetically susceptible lupus model. <i>Arthritis and Rheumatism</i> , <b>2007</b> , 56, 1219-33		47
136	NKT cells: T lymphocytes with innate effector functions. <i>Current Opinion in Immunology</i> , <b>2007</b> , 19, 354-64	7.8	162
135	Role of NKT cells in the digestive system. II. NKT cells and diabetes. <i>American Journal of Physiology - Renal Physiology</i> , <b>2007</b> , 293, G919-22	5.1	9
134	Toll-like receptor 4 (TLR4)-dependent proinflammatory and immunomodulatory properties of the glycoinositolphospholipid (GIPL) from <i>Trypanosoma cruzi</i> . <i>Journal of Leukocyte Biology</i> , <b>2007</b> , 82, 488-96	6.5	28
133	The in vivo response of invariant natural killer T cells to glycolipid antigens. <i>International Reviews of Immunology</i> , <b>2007</b> , 26, 31-48	4.6	27
132	Assessing the role of immuno-proteasomes in a mouse model of familial ALS. <i>Experimental Neurology</i> , <b>2007</b> , 206, 53-8	5.7	18
131	Inhibition of antitumor immunity by invariant natural killer T cells in a T-cell lymphoma model in vivo. <i>International Journal of Cancer</i> , <b>2006</b> , 118, 3045-53	7.5	41
130	Role of invariant natural killer T cells in immune regulation and as potential therapeutic targets in autoimmune disease. <i>Expert Review of Clinical Immunology</i> , <b>2006</b> , 2, 745-57	5.1	3
129	Autoreactive T cells mediate NK cell degeneration in autoimmune disease. <i>Journal of Immunology</i> , <b>2006</b> , 176, 5247-54	5.3	49
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1	CD1d-Restricted Natural Killer T Cells1-27		5